

Curriculum Sequencing Overview – Year 11 Higher

Unit 3								
Week	1	2	3	4	5	6	7	8
Date wb	23/01/23	30/01/23	06/02/23	20/02/23	27/02/23	06/03/23	13/03/23	20/03/23
Key dates	Unit 2 KA data due	Year 11 RA evening		Year 11 mock exams		Year 11 mock data deadline		
Big ideas (key concepts)	Reciprocals and exponential graphs, gradient and area under a curve	Direct and Inverse Proportion		Revision - Feedback from assessments to inform planning.				
Lesson topics sequence	Interpret the gradient of non-linear graph in curved distance–time and velocity–time graphs: Interpret the gradient of a linear or non-linear graph in financial contexts Interpret the area under a linear or non-linear graph in real-life contexts Interpret the rate of change of graphs of containers filling and emptying Interpret the rate of change of unit price in price graphs	Recognise and interpret graphs showing direct and inverse proportion Identify direct proportion from a table of values, Write statements of proportionality for quantities proportional Set up and use equations to solve word and other problems involving direct proportion Use $y = kx$ to solve direct proportion problems Solve problems involving inverse proportion using graphs Solve problems involving inverse proportionality Set up and use equations to solve word and other problems involving direct proportion or inverse proportion						
Key assessments				Year 11 mock exams 3 x maths papers 1 x non-calc/ 2 x calc				



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Homework	1 x Half Paper Set 4B Paper 3H Calculator Higher Half Papers	1 x Half Paper Set 5A Paper 1H Non -Calculator Higher Half Papers	1 x Half Paper Set 5A Paper 2H Calculator Higher Half Papers	1 x Half Paper Set 5A Paper 3H Calculator Higher Half Papers	1 x Half Paper Set 5B Paper 1H Non- Calculator Higher Half Papers	1 x Half Paper Set 5B Paper 2H Calculator Higher Half Papers	1 x Half Paper Set 5B Paper 3H Calculator Higher Half Papers	1 x Half Paper Set 6A Paper 1H Non - Calculator Higher Half Papers
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